

Serial No.: 09/921,465
Examiner: G. Koch
Art Unit: 1734
Date: January 19, 2004

IN THE CLAIMS:

1. (Currently Amended) A system for configuring a material spraying application system of the type using different components including an application device such as a gun, comprising:
 - a user input device remotely located from a manufacturing site for the material application system;
 - a configuration program accessible by said user input device over a communication network;
 - said configuration program presenting component selection options including application device design based on input data from said user input device; said configuration program verifying component compatibility.

2. (Original) The system of claim 1 wherein said input device comprises a personal computer and said network comprises an Internet connection.

3. (Original) The system of claim 1 wherein said configuration program accesses a pricing and inventory database.

4. (Original) The system of claim 1 wherein said Internet connection comprises a secure Web site.

5. (Currently Amended) The system of claim 1 wherein said material spraying application system comprises a liquid powder spray system including a spray gun, a nozzle and a powder pump.

6-11. Canceled.

12. (Original) The apparatus of claim 1 wherein said configuration program operates from a server connected to the communication network.

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13. (Original) The apparatus of claim 12 wherein said user input device accesses a database of test data and configuration data to facilitate troubleshooting.

14. (Original) The system of claim 1 wherein said configuration program provides a drag and drop interface to permit a user to configure a system.

15. (Original) The system of claim 1 wherein said configuration program comprises a wizard option to generate a configured system based on response inputs from the user to a number of questions.

16. (Currently Amended) The system of claim 1 comprising a database of case studies based on operational systems wherein said case studies may include the product being coated, the coating material being used, the manufacturer's equipment used in the system, the principal suppliers involved such as the coating material supplier, and the oven and conveyor supplier to facilitate remote system configuration based on analogous operating parameters.

17. (Currently Amended) The system of claim 16 wherein said case studies database is are accessible from a public web page.

18-20. Canceled.

21. (New) The system of claim 1 wherein said configuration program presents a configuration illustration to a user of a visual representation of a selectable system and a component listing from which said user may select available designs of one or more of said components.

22. (New) The system of claim 21 wherein said illustration includes a link to a bill of materials database.

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23. (New) A system for configuring a material application system of the type using different components including an application device such as a gun, comprising:

a user input device remotely located from a manufacturing site for the material application system;

a configuration program accessible by said user input device over a communication network;

said configuration program presenting component selection options including application device design based on input data from said user input device; said configuration program verifying component compatibility;

said system comprising case studies based on operational systems wherein said case studies include at least one of: the product being coated, the coating material being used, the manufacturer's equipment used in the system, the principal suppliers involved such as the coating material supplier, and the oven and conveyor supplier.

24. (New) The system of claim 23 wherein said case studies are accessible from a public web page.

25. (New) The system of claim 23 wherein said case studies are available to trade association members over the Internet.